From:

Nickerson Karen J (DOS)

Sent:

Friday, March 16, 2007 7:50 AM

To:

Howatt Robert (DOS)

Subject: FW: What I took away

From: John Austin [mailto:austin4102000@yahoo.com]

Sent: Thursday, March 15, 2007 4:52 PM

To: Cherry Philip J. (DNREC)

Cc: Nickerson Karen J (DOS); Larson Russell T (LegHall); Smisson Charlie T. (DNREC); Davis Jennifer (OMB)

Subject: What I took away

Just to recap one thing that was made clearer at the Georgetown Meeting was the retail costs. Mr. Howatt said:

GAS retail 11.2 cents/kwh Wind 12.3 cents/kwh IGCC 12.6 cents/kwh

Now, that's the average cost over the contract period. I talked to the ICF consultant and he said retail was a 25% markup.

Looking back the the cost over time Wind starts at ~\$76 and ends at ~\$107 MWh, so 9.5 to 13.75 - average 12.3 cents/kwh.

For the residential customer currently at 11.11 cents per KW, wind looks like a no brainer. Costs rise all of a 2.64 cents/kwh in the next 25 years. By my math, it is 1.56% per year inflation. US inflation rate for 2006 averaged 3.24%.

Based on the European Report on the external cost of energy, a 1000 kwh/month user pays hidden costs of:

IGCC - \$32 - \$39 per month, or \$384 - \$468 per year more;

Gas - \$13.10 per month, or \$152.70 per year more; and

Wind - \$1.60 per month, or \$19.20 per year more.

http://www.externe.info/expoltec.pdf

If bids are ranked on total cost to the consumer, wind is cheaper using either the 99.45 or 98.21 \$/MWh estimate in comparison to the gas bid.

If gas fuel cost increases and carbon costs are assigned, wind is cheaper.

Let's move Delaware forward.

From: John Austin [austin4102000@yahoo.com]

Sent: Monday, February 26, 2007 6:53 PM

To: John Austin; Howatt Robert (DOS); Nickerson Karen J (DOS)

Subject: Re: RE-Redacted Submission

It is no longer funny. NRG has failed to follow the directions of the PSC, and has not released the environmental data as ordered.

With specific regard to page 77 Table 5-8, all but the line -

proposed Indian River IGCC emissions @ 630 MW and 100% capacity are public domain. The Allocations are found inDNREC Regulation 1146, and the unit heat inputs in the EPA data base. As I perviously stated there is, only 1.6875 pounds unallocated after 2013, and NRG is not entatiled to increase emissions under the Costal Zone Act to utilized it as part of this bid.

Their continued refusal to release this single page, leads me to conclude thay have not presented a valid bid for a unit capable of being operated within existing regulations.

John Austin <austin4102000@yahoo.com> wrote:

It is with some hubris that I review the re-redacted submission of NRG.

I find that which was not redacted now is, and still the redaction of public information on PART 1 page 77, that was of particular interest to me, and the emission data on Part 1 page 75.

Under the CAMR and DE REG 1146, allocations of mercury emissions are given each unit as a matter of public record. Allocated is 54.3125 pounds. Unallocated is all of 1.6875 pounds, which is the 3% set aside of the states 56 pound allocation. However, Table 5-8 appears to show unallocated and new set aside as separate and additive in ERROR. (Also in ERROR is the reference to 630MW, and the potentially the associated calculation.)

The question this raises is - Has the bid falsely used the unallocated set aside to portray compliance with Regulation 1146, the CAMR, and the Coastal Zone Act (CZA)? These new regulations are at some odds with the CZA. Thus, an error in interpretation may have been made. While CAMR/Reg 1146 reserve a set aside for new units, can NRG utilize the new units set aside emissions to expand under the Coastal Zone Act? My answer is NO. They must show a reduction from the required emissions of Reg 1146 under the Coastal Zone Act, and that is the combined 10.5 pound allocation of Units 1 & 2, that they would replace. 94% of existing emissions for these units would be the 10.5 pounds. At the stated 95%, they would meet the regulations allocations at 7.6 pounds. Thus, there is little margin for error, increased operations, or variance in coal mercury content.

Absent CAMR and Reg 1146, the re-powering project when first proposed would have been in compliance, as the proposed pollution abatement projects would have provided offsets necessary for compliance with CZA. However, by the time a new plant could be operational, the regulatory requirements that are now in place have consumed any offset to be gained by abatement projects.

I'm left to conclude the viability of what is outlined is dubious at best.

I renew my request for these pages, which are not cost related, but rather address the emissions

of the units to be permitted.
Looking for earth-friendly autos? <u>Browse Top Cars by "Green Rating"</u> at Yahoo! Autos' Green Center.
Everyone is raving about the all-new Yahoo! Mail beta.

From:

John Austin [austin4102000@yahoo.com]

Sent:

Thursday, March 08, 2007 7:19 PM

To:

Howatt Robert (DOS); Nickerson Karen J (DOS)

Subject: NRG FORM H

http://www.state.de.us/delpsc/electric/irp/nrg_formh.pdf

Looking back at my messages, I may have failed to provide comment to the PSC on the NRG Form H ranges.

Now we have 3 sets of numbers from them to pick from.

With regard to emission rates, unredacted at NRG Volume 1 page 63 ranges were already given, IGCC SO2/MMBtu 0.02-0.08 NOx/MMBtu 0.03-0.08 Mercury Removal 90%-98% CO2 tons/MWh 0.85-0.95.

The NRG repowering proposal was more specific at page 8. SO2 0.04 lb/MMBtu
NOx 0.03 lb/MMBtu
Mercury 90+% capture
CO2 66% capture

http://www.state.de.us/governor/publications/nrg power plan.pdf#search='nrg%20delaware%20igcc'

For those not familialr with performance testing, the Form H results are a joke. They are the lowest values that could possibly be achieved in the course of a test run, but not day in day out. Ask if they expect to have the permit written with the limits stated now on form H?

Again with respect to page 77. All the mercury unit allocations are a matter of public record, and the fact the NRG still has not unreducted the page makes it apparent that the unit can not operate at the regulationy limit of 10.5 pounds mercury emissions. I now for the 3rd time request the unreducted page 77.

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From: John Austin [austin4102000@yahoo.com]

Sent: Thursday, March 15, 2007 10:17 AM

To: Howatt Robert (DOS); Nickerson Karen J (DOS)

Subject: RE: NRG FORM H

I have reviewed the staff memo of March 13. It does not make reference to page 77, that I have requested.

I therefore motion that the PSC release this information which refers to the regulatory compliance mercury allocations to which the unit must comply.

Under the CAMR and DE Regulation 1146 after 2013 Unit 1 and 2 have a combined 10.5 pound mercury allocation. Unallocated is a 3% set aside of 1.6875 pounds, which is 3% of the DE total allocation. However, under the Coastal Zone Act the facility must show emission reductions to expand. Thus, they are not entitled to the new unit set-aside and must show compliance and reduction from 10.5 pounds. This is the allocation that will be in effect when the plant could come on line in 2013.

The existing 720MW units emitted 189lb at 80% average capacity in 2005.

A 630MW unit at 100% scaled from this would be 206.7lb and 95% recapture would leave 10.34 pounds mercury. All of a 0.16 pound margin under the allocation and a CZA reduction is yet to be made. At the higher average yearly heat inputs of the EPA database, the new unit would exceed the 10.5 pound allocation at 100% capacity.

Can the plant proposed be built under existing regulation? Only if it operates less or increases mercury removal.

"Howatt Robert (DOS)" <robert.howatt@state.de.us> wrote:

Mr. Austin,

I apologize for not promptly responding to your e-mail. The PSC Staff has been evaluating the bidders claims of confidentiality and that review had not been completed until just recently. I believe we are in process of finalizing a Staff recommendation to the Commissioners which should be posted in the next few days. I am also under the impression that the memo will request release of emissions information as filed, although I cannot guarantee what direction the Commissioners will go in their decision process.

You are certainly free to file a motion with the Commission for access to that data; however, it is not likely that such motion would be heard before the April 3rd meeting and actions taken on Tuesday, March 20 may solve your concerns.....

Again my apologies for not responding sooner....

Bob Howatt Delaware Public Service Commission (302) 739-7099

From: John Austin [mailto:austin4102000@yahoo.com]

Sent: Thursday, March 08, 2007 7:19 PM

To: Howatt Robert (DOS); Nickerson Karen J (DOS)

Subject: NRG FORM H

http://www.state.de.us/delpsc/electric/irp/nrg formh.pdf

Looking back at my messages, I may have failed to provide comment to the PSC on the NRG Form H ranges.

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SO2/MMBtu 0.02-0.08

NOx/MMBtu 0.03-0.08

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CO2 tons/MWh 0.85-0.95.

The NRG repowering proposal was more specific at page 8.

SO2 0.04 lb/MMBtu

NOx 0.03 lb/MMBtu

Mercury 90+% capture

CO2 66% capture

http://www.state.de.us/governor/publications/nrg_power_plan.pdf#search='nrg%20delaware% 20igcc'

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From:

Nickerson Karen J (DOS)

Sent:

Monday, March 19, 2007 7:45 AM

To:

Howatt Robert (DOS)

Cc:

Rochester Katie (DOS)

Subject: FW: Wind Energy

Katie, please copy the Commissioners.

From: JetJaws143@aol.com [mailto:JetJaws143@aol.com]

Sent: Sunday, March 18, 2007 5:01 PM

To: Nickerson Karen J (DOS) **Subject:** Wind Energy

Dear Ms. Nickerson,

Please support wind power over another coal plant. Kindly copy this letter to Bruce Burcat, PSC Executive Director, and to each of the PSC commissioners. Thank you.

Deborah Cannon

AOL now offers free email to everyone. Find out more about what's free from AOL at AOL.com.

OTMAR 16 PH Sayury 15,200+

DELAWARE P.S.C. Dear Puffic dervice Commission In tolay's society, it has become clear to us that our fossil fuch will eventually run out. We have many people around our country that are trying to comes up with new ways that may benefit our atmosphere, as well as contribute to a mensuspource of power Explains one of their aptrone we come across wind power However, we also have our other source of coal power to foll back on Change to something us, as American sto not alway appreciate from our government. If wind power to introduced that would mean we would have to change from the coal to wind . It is true that cool is a farilful + will eventually run out However, we have a long time to go befor that occurs Like everything coal power has a regative effect + puts carbon diosits into the air, however oval power plats are not the only futures & buildings that do such a thing. Cool has never really brought upon us a new problem that something else has not awas! Coal power plants have worked thus for so why change right away? Why mat want until we have a little charle + attent then, we will have wind power to switch over to It's dway good to have a plan by or an alternative solution, + up can view wind power in such a way If we begin using only wind power, weather may and up effecting power greatly. Even meteorologist can't always product the weather so they can't tell us when we will have wind to power plants or not. Wind power is a risk to switch over to, but attent it's then as an option- If it is voted as our main source of power, we should at limit Ald we and power wild there is no other desire still it would som to be better to see wind pauls as a back-up-Not many splaces are interested in listening to a 10th grader point of war oran my plant spound, this is more than a 10th grader writing I'm well involved in polities & would like my letter to be taker into consideration Good power is what we America brown best . Wind power is just a bab up a should always be seen that way-I hamp you

RECEIVED Lewes, Delaware-19958 07 MAR 19 PM 3-31 DELAWARE P.S.C. Jarch 16th, 2007 Dear Ms. Mc Kae, We are NOT opposed to the industrial offshore wind turbine farm. We believe that the Successful harnessing of wind energy in Europe over many years has proven itself to be al Valuable Source of Clean electricity. We would like the FIRST STATE to be also the first state of wind energy production in the United States! William R. Earl Haide W. Sal

109 E. Third St.,

From: Green Delaware [greendel@dca.net]

Sent: Thursday, March 15, 2007 4:10 PM

To: Howatt Robert (DOS); Aaron Nathans; Greg Burton; Jeff Montgomery; Jon Hurdle; Steven Daily;

Barry Sheingold; Bill Moore; Bill Wimperis; Bonar David (DOS); Bradley M. Campbell; Bunting George (LegHall); Burcat Bruce H (DOS); Carol F. Taylor; Caroline Angoorly; Chad Tolman; Cherry Philip J. (DNREC); Chris Maccracken; Christine Agugliaro; Citrolo John (DOS); Cohan Jennifer (LegHall); Dillard Janis L (DOS); Dominique Baron; Dominique Baron; Doug Pfeister; Dr. Constance Peterson; Elliot Roseman; Gary Ferenz; Gary Stockbridge; George Owens; Howatt Robert (DOS); James J. Demarest, Jr.; James McC. Geddes; Jans Gsnase; Jeremy Firestone; Joann T. Conaway; John Flaherty; John Kowalko; Joy Sikora; Judah Rose; Kim Furtado; Lex Grier; Lezael Haynes; Louis Monacell; Maria Scheller; Mark FinFrock; Marlene Rayner; McRae Arnetta (DOS); Michael Houghten; O'Brien William (DOS); Padmore Arthur (DOS); Ray Long; Rob Propes; Robert Reuter; Sallie & Steve Callanen; Sally Buttner; Scoglietti Robert (OMB); Shannon Sugrue; Sheehy Michael (DOS); Smisson Charlie T. (DNREC); Thomas P. McGonigle; Willett Kempton; William F. Zak (CCP); Anthony J. Kamerick; Anthony Wilson; Dr. Paul E. Sample; Gerry Hopper; Jonathan Guy; Katherine.Kennedy; Letty Diswood; Lisa Pertzoff; Peter Mandelstam; Tom Krizmanich; Tom Shaw; Wayne Oliver

vvayne Oliver

Cc: Nickerson Karen J (DOS); Dillard Janis L (DOS)

Subject: Re: Staff Memorandum on Confidentiality ["The public is not a stakeholder?"]

At 03:00 PM 3/14/2007 -0400, Howatt Robert (DOS) wrote:

Attached is a copy of Staff's Memorandum on - Criteria For Determining Whether "Trade Secrets" and "Confidential Commercial and Financial Information" May Be Exempted From Required Public Disclosure," dated March 13, 2007. This document has also been posted to the PSC Website RFP page....

Bob Howatt Delaware Public Service Commission (302) 739-7099

Dear Mr. Howatt:

With all due respect I become more amazed every day. From the Memorandum:

"The public is not a stakeholder in the Commission's determination...."

Considering my words carefully, I feel that the Delaware Public Service Commission and its staff may be expanding and redefining the terms "error" and "poor judgement."

Yours,

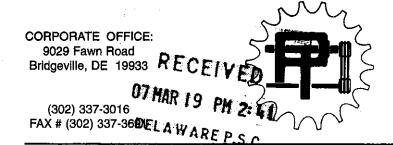
Alan Muller

We understand that this issue will be on the agenda at the Commission's March 20, 2007 meeting. In that regard, we believe that any follow up discussion should be limited to questions by the Commission and/or other State agencies relating to the process described above. Such discussion should not, in our opinion, include hidders who have had several opportunities to present their justifications for redacting the documents. In addition, although the public is a beneficiary of the work performed by the Commission Staff in its attempt to release as much information as possible, the public is not a stakeholder in the Commission's, and other agencies', determination as to whether such work should be adopted.

We are available for further questions on the process of this review and our conclusions.

RECEIVED

2.15.07 07 MAR 16 PH12: 57 Public Service Commission: Soon you are going to have to choose whether to use coal or wind power for the next 50 years. I think that you should invest in wind turbines. They are a renewable resource, unlike coal, and do not emit harmful gases to pollute the environment, Coal would provide jobs to people but it would employ more West Virginian people to get coal nother than people from Delaunce. Wind is also a power that would have better price stability than coal because there is usually always wind and coal can have shortages. Plus, if there is a wind surplus, it can be stored in a battery like solar power can. As you can see, wind power would be alot more effective and a better thing to invest in. Thank you. Sincerly. Amanda Merrit



POWER TRANS, INC.

BRANCH OFFICE: 12 McCullough Dr. Suite 2 Southgate Industrial Park New Castle, DE 19720

(302) 322-7110 FAX # (302) 322-7112

The Honorable Arnetta McRae, (Delaware Public Service Commission)

As Sales Manager of Power Trans, Inc. I have been a business partner of NRG"s Indian River plant for more 20 years. Power Trans, Inc. has been providing Technical Sales and Service to the Millsboro area for 25 years. I am writing today to express my support of the NRG clean coal project that has been proposed at the Indian River generating station in Sussex County. The benefits for the state and the local area are clear.

NRG'S proposal is critical to Delaware's need for reliable and stable electricity by providing an additional 600 megawatts of <u>clean energy</u> to the citizens of Delaware and the Delmarva area for years to come—400 megawatts of which is available to Delmarva Power & Light under the current RFP process.

Regionally, the NRG project is important to our local economy. It will provide over \$1.5 billion in capital investment in the Indian River area and Delaware, which translates into more than 1,000 construction jobs over the five year construction period and 100 permanent positions once the facility is up and running. In addition to the local economic benefits the project will be extremely beneficial for the environment. NRG's project included a real plan for the capture and permanent storage of carbon dioxide—critical in this era of looking for solutions to global climate change.

Please support the NRG Energy proposal for a clean coal facility at the Indian River Plant---- it is the only proposal that underpins real job growth, material capital investment and a reliable supply of clean energy (based on the use of plentiful domestic fuel and whether the wind is blowing or not) for the benefit of all of us, well into the future.

Sincerely,

Hank Warner

Power Trans, Inc.

*ECOTVED pervice Comissions Delieve Py coccauses 805P make SOUTTP Sincecely

To whom it may concern,
I am writing this lefter to
explain my support for wind power. hind power is renewable. It is clean calcollabol warming). Wind power also has more stable prices over the long term. I support wind power because it saves coal from being used or getting burned. Wind power is definately a better way to go Thank you for you time,

From:

Nickerson Karen J (DOS)

Sent:

Monday, March 19, 2007 1:50 PM

To:

Howatt Robert (DOS)

Cc:

Rochester Katie (DOS)

Subject:

FW: Public comment submission re: windfarm proposal

Importance: High

Attachments: Windfarm comment to PSC.doc

Katie please copy for the Commissioners. Thanks.

Karen J. Nickerson Support Services Administrator/ Secretary to the Commission Delaware Public Service Commission 861 Silver Lake Blvd. Cannon Bldg., Suite 100 Dover, DE 19904 Phone: 302-739-3226 Fax 302-739-4849 SLC - D420C

From: Susan Swan [mailto:susan.swan@earthlink.net]

Sent: Monday, March 19, 2007 2:07 PM

To: Nickerson Karen J (DOS)

Subject: Public comment submission re: windfarm proposal

Importance: High

Dear Ms. Nickerson:

I am submitting the following letter to the PSC and to the other agencies involved in the upcoming decision on whether to adopt windpower for Delaware. Please see the letter below. (It is attached as well.) The comments reflect the views of an extensive network of contacts I have throughout Delaware and especially at the beaches, where I lived for several years until just recently.

I hope the letter is helpful and persuasive. I would appreciate it if you would circulate it to the PSC commissioners as a part of the official docket and post it on the website for public comment.

Thank you very much for considering my input. I wish you all well in your efforts to steer the right course.

Regards. Susan Swan

Susan Swan 15040 Old Furnace Road Georgetown, DE 19947 302-236-2890 (c) susan.swan@earthlink.net

March 19, 2007

Delaware Public Service Commission Attn: Arnetta McRae, Commission Chair Dover, DE

Dear Ms. McRae and other members of the PSC:

In a single generation, very few individuals find themselves with an opportunity to give a gift to future generations on a truly grand scale. You have been given this extraordinary privilege—and personal responsibility.

Would the people of Delaware be willing to replace part of our coal-powered electricity with what could be the East Coast's first—and for a time, the world's largest—offshore wind farm?

The answer is yes. Even if it costs a little more each month.

This is what people of all ages and income levels say vehemently when I ask them in cafés, in the video store, in the grocery store, at the doctor's office. It is what Delawarians say overwhelmingly in surveys. Yes, we want it.

I am not alone in wanting to live and work in a state that possesses the will to implement bold, imaginative solutions to complex issues. Wouldn't it be wonderful for Delaware to be a leader? To say proudly to our present and future citizens, to industry, to our children: "We put the wind at your back."

Don't underestimate the power of bold symbols. Creating such assets is not only good stewardship and good governance, it is a beacon to industry. More and more companies are choosing to locate in places that provide an extraordinary quality of life for their employees. Cutting edge companies move to cutting edge states.

The alternative is mediocrity.

The wind farm is elegance, forward thinking, and the correct path for a clean future. Coal looks to the past. If you look through the cleaner lens, you will see the unassailable logic, the historic value, and the priceless compassion of giving wind power to our children.

I urge you to put aside the conflicting facts and figures and political pressures, and simply embrace the role of a parent or grandparent. Statesmanship is what is best for our children. Some things in life really are that simple.

Heraclitus said: "The content of your character is your choice. Day by day, what you do is who you become. Your integrity is your destiny—it is the light that guides your way."

Risk greatness.

Sincerely, Susan Swan 15040 Old Furnace Road Georgetown, DE 19947 302-236-2890 susan.swan@earthlink.net

ater Consulting & Subsurface Remediation industrial Maintenance, Vacuum Truck & Environmental Services Emergency Snill Assesses & Weste Bisnesel Services

Corporate Office: 7948 Fort Smallwood Road Baltimore, MD 21226

Phone: (410)437-7500, (800)TPH-2313 (24/7) Fax: (410)437-9547, Email: TPHMD@aol.com

Delmarva Office: 23655 Royal Oak Road Quantico, MD 21856

Phone: (410)677-6720 Fax: (410)677-6723

March 14, 2007

The Honorable Ametta McRae Delaware Public Service Commission 861 Silver Lake Boulevard Cannon Building, Suite 100 **Dover, DE 19904** Phone: 302-739-4247

Dear Honorable Arnetta McRae:

As President of TPH Industries, Inc. I have been a business partner of NRG's Indian River plant for more than four years. TPH has been providing Industrial and Environmental to the Millsboro area for 17 years. I am writing today to express my support of the NRG clean coal project that has been proposed at the Indian River generating station in Sussex County. The benefits for the state and the local area are clear.

NRG's proposal is critical to Delaware's need for reliable and stable electricity by providing an additional 600 megawatts of clean energy to the citizens of Delaware and the Delmarva area for years to come -400 megawatts of which is available to Delmarva Power & Light under the current RFP process.

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Please support the NRG Energy proposal for a clean coal facility at the Indian River plant -- it is the only proposal that underpins real job growth, material capital investment and a reliable supply of clean energy (based on the use of plentiful domestic fuel and whether the wind is blowing or not) for the benefit of all us, well into the future.

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Sincerely,

Mark F. Boiler

President